ACADIA.020A PATENT

N-SUBSTITUTED PIPERIDINE DERIVATIVES AS SEROTONIN RECEPTOR AGENTS

Abstract of the Disclosure

Disclosed herein are compounds of Formula I,

$$R^{3}$$

$$R^{1}$$

$$N$$

$$R^{2}$$

$$Ar^{2}$$

$$N$$

$$N$$

$$Ar$$

$$N$$

or a pharmaceutically acceptable salt, amide, ester, or prodrug thereof. Also disclosed are methods of inhibiting an activity of a monoamine receptor comprising contacting the monoamine receptor or a system containing the monoamine receptor with an effective amount of one or more of the compounds of Formula I. Disclosed are also methods of inhibiting an activation of a monoamine receptor comprising contacting the monoamine receptor or a system containing the monoamine receptor with an effective amount of one or more of the compounds of Formula I. Furthermore, methods of treating psychotic disease using a compound of Formula I are disclosed.

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